

## ECS Configuration Change Request

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CCR No. 98-0420	Logged Date 4/1/98	Rev. -	Request Type CCR
Priority Routine <input checked="" type="checkbox"/> Urgent <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>	Affected Release V2.0	Change Class <input checked="" type="checkbox"/>	
Title (description) Install PowerHub 8000 in VATC Network for evaluation IN			
Documents Affected None		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference None	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
<b>Problem</b> The device that has been used as the ECS FDDI switch, PowerHUB 7000 from FORE Systems will be replaced by the next PowerHUB series switch the PowerHUB 8000 upon proper evaluation and selection of proper upgrade time in the near future. Having the PowerHUB 8000 run in the VATC is a critical part of the evaluation process. The PowerHUB 8000 addresses several capability issues that are important to ECS such as the support of correct FDDI MTU size which was only addressed by software patch so far. It also uses the long awaited Packet Engine 2 which gives the switch more robustness and redundancy capabilities.  The use of the PowerHub 8000 in the VATC will be transparent to VATC users. The current PowerHUB 7000 will be used as a backup in case there is a failure.			
<b>Proposed Solution</b> 1. Remove the PowerHub 7000 from the VATC and install the PowerHub 8000 (4 hours). 2. Perform PowerHub 8000 evaluation (3 weeks). 3. Reinstall PowerHub 7000 in VATC (2 hours).  Need by: 4/3/98			
<b>Impact Analysis:</b> Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input checked="" type="checkbox"/> Sys Verif Acpt <input type="checkbox"/>			
Cost: None <input checked="" type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input checked="" type="checkbox"/> Other _____ Additional LOC _____ Man-Months _____ Materials _____			
Originator R. Haynes, Net Eng.		Randy Haynes <u>Randy Haynes</u> 4/1/98 Signature Date	
Office HW/Net Eng.		Office Manager Randy Miller/Ezra Jalleta <u>Ezra J Jalleta</u> 4/1/98 Signature Date	
Disposition Approved <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/> Comments: Defined 4/2/98			
CCB Chairperson <u>TW Fisher</u> 4/13/98 Signature Date			

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